



RFID/NFC FPC, ANT, 13.56MHZ, FERRITE, RECT

Part Number: L000643-01

The **L000643-01** is an NFC (Near Field Communications) antenna designed for high-performance two-way read/write operations at 13.56MHz.

The compact, flexible antenna is supplied with adhesive backing for ease of installation. It can be mounted inside a plastic device enclosure or on an internal battery. The ferrite bottom increase the antenna reading distance to maximize overall performance.

FEATURES & BENEFITS

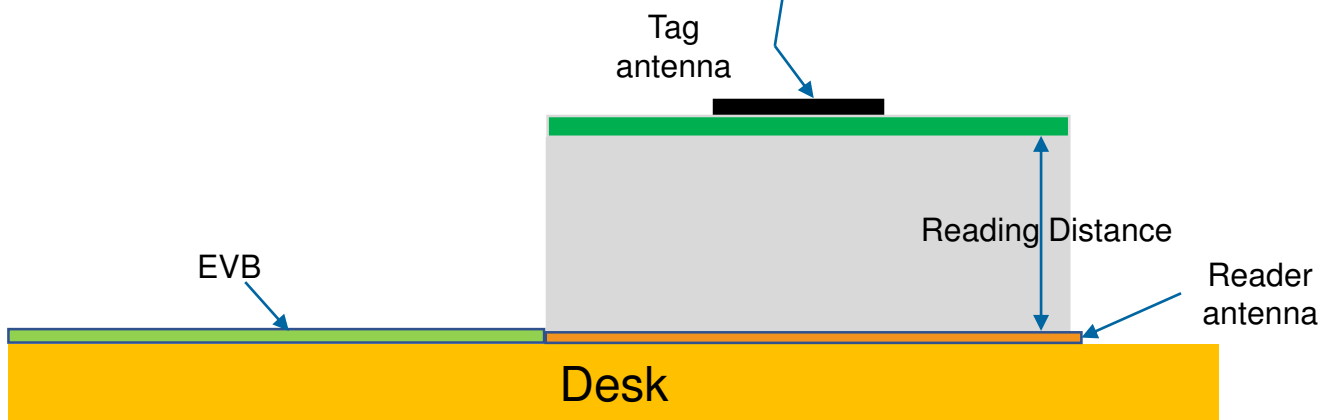
- Frequency **13.56MHz**
- Universal antenna module assembly.
- Low-profile
- Flexible embedded antenna
- Peel and Stick adhesive application
- Antenna bottom with ferrite to increase performance
- Higher reading distance than competition

SPECIFICATIONS

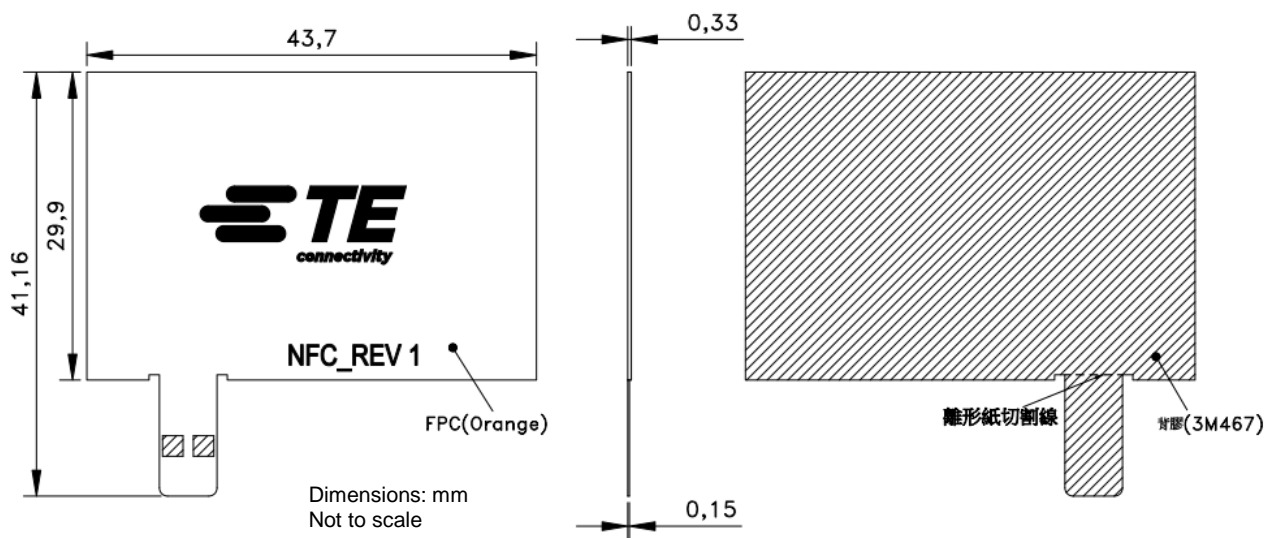
| | |
|-----------------------|--------------------------------------------------------------------------------|
| Frequency Range | 13.56 MHz |
| Ls | 0.9 uH |
| Rs | 0.8 Ohm |
| Reading Distance | 78 mm |
| Size | 41 mm x 43 mm x 0.33 mm |
| Weight | <0.1 g |
| Operating Temperature | -40 to +85°C |
| Storage Temperature | -40 to +85°C |
| Hazardous Materials | A certificate of conformance is available from the product page on TE website. |

TEST SETUP

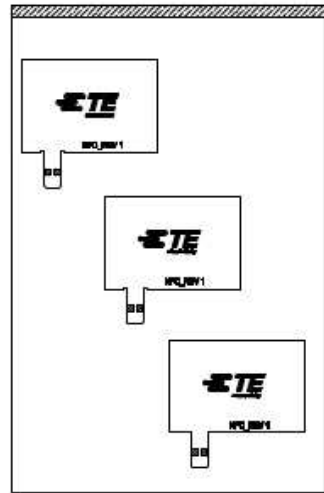
EVB MB1414 board



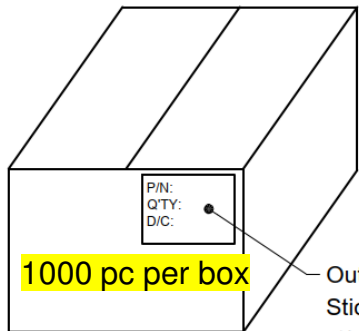
DIMENSIONS



PACKAGING



50PCS Antenna Per bag and seal
(每包50支天线并封口)



Outside the carton:
Stick the label on the side mark
(將標籤黏貼於外箱側麥)

TE TECHNICAL SUPPORT CENTER

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08/2023

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